

Lower juncture  $R_L$   
same thickness as  
corresponding cap  $R_C$

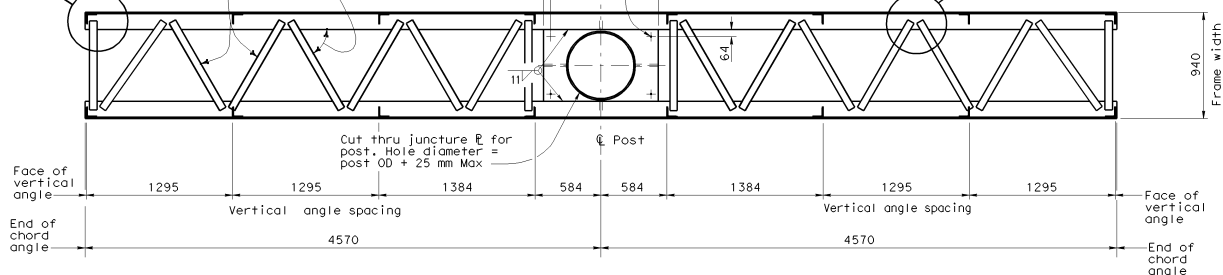
L64 x 64 x 6.4  
diagonal wind  
bracing top  
and bottom (Typ)

- Diagonal windbracing 60° typical and may vary slightly at points of interference by 5° Max, 13 required top and 13 required bottom.

- Drill thru juncture R and post R for 38 mm Dia A-325 HS bolts, total 4.

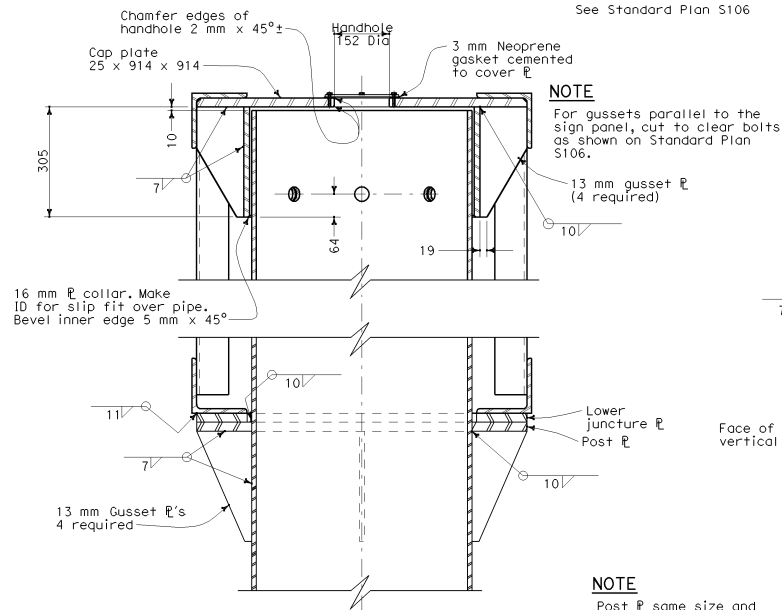
DETAIL C

DETAIL B



SECTION A-A  
LOWER JUNCTURE CONNECTION

See Standard Plan S106

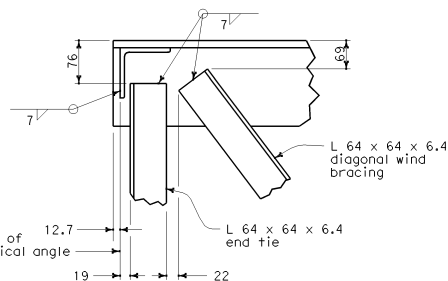


## SECTION B-B

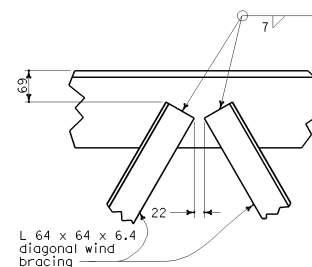
See Standard Plan S106

NOTE

Post  $\varnothing$  same size and thickness as lower  
junction plate. Cut for  
post OD + 2 mm Max  
and weld to post



DETAIL B



DETAIL C

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**OVERHEAD SIGN-TRUSS  
SINGLE POST TYPE  
FRAME JUNCTURE DETAILS  
BALANCED BUTTERFLY  
CHANGEABLE MESSAGE SIGNS  
MODEL 500**


NO SCALE

ALL DIMENSIONS ARE IN  
MILLIMETERS UNLESS OTHERWISE SHOWN

S108



DIST	COUNTY	ROUTE	KILOMETER TOTAL	POST PROJECT	SHEET NO.	TOTAL SHEET

REGISTERED  ENGINEER

**July 1, 2004**  
PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

*To view the Caltrans web site, go to: <http://www.dot.ca.gov>*

NOTES:

1. In all cases, truss shall be supported at lower juncture connection.
2. Post to truss connections shall be fitted in shop. Faying surfaces shall meet tolerances noted in contract documents.